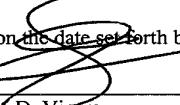


Attorney for Applicants
Sara D. Vinarov, Reg. No. 48,524
TEL 608-251-5000
FAX 608-251-9166

I hereby certify that this correspondence is being transmitted to the Commissioner for Patents on the date set forth below.

Date of Signature and Deposit: April 25, 2008


Sara D. Vinarov

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Tenneille E. Ludwig
James A. Thomson

Date: April 25, 2008

Serial No.: 10/811,423

Group Art Unit: 1651

Filed: March 26, 2004

Examiner: Lora Elizabeth Barnhart

Title: PHYSIOCHEMICAL CULTURE CONDITIONS File No.: 960296.00050
FOR EMBRYONIC STEM CELLS

Confirmation No.: 2623

RESPONSE

Mail Stop Amendment
Commissioner for Patents
P O Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to a non-final Office Action mailed December 20, 2007, in the file of the above-identified application, please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 4 of this paper.